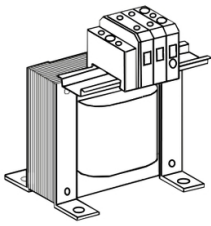


Product datasheet

Specifications



line choke - 1 mH - 45 A - 1 phase -
50 W - for variable speed drive

VW3A58502

⚠ Discontinued on: 23 Jan 2021

⚠ To be discontinued

Price: 12,887.27 ZAR

Main

Range Of Product	Altivar
Product Or Component Type	Line choke
Product Compatibility	ATV61HU55M3 - line choke - 1 per drive ATV71HU55M3 - line choke - 1 per drive ATV61HU75M3 - line choke - 1 per drive ATV71HU75M3 - line choke - 1 per drive
Number Of Phases	Single phase
Range Compatibility	Altivar 71 Altivar 61
Device Application	Reduction of current harmonics
Value Of Inductance	1 mH
[In] Rated Current	45 A
Thermal Losses	50 W
Electrical Connection	Terminal 6 mm ² / AWG 8, 0.8...1 N.m

Complementary

Power Supply Frequency	50...60 Hz
Max Current	1.65 x nominal current (duration = 60 s)
Maximum Voltage Drop At Rated Load	5 %
Electrical Insulation Class	Class F
Minimum Clearance Distance	5.5 mm IEC 60664
Leakage Distance	11.5 mm conforming to IEC 60664
Net Weight	3.5 kg
Width	133 mm
Height	150 mm
Depth	105 mm

Environment

Standards	EN 50178 VDE 0160 level 1 IEC 60076 (with HD398)
Ip Degree Of Protection	Choke: IP00 Terminals: IP20

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Environmental Characteristic	3B1 conforming to IEC 721-3-3 3C2 conforming to IEC 721-3-3 3S1 conforming to IEC 721-3-3
Pollution Degree	2 conforming to EN 50178
Vibration Resistance	1 gn (f= 13...200 Hz) conforming to IEC 60068-2-6 1.5 mm peak to peak (f= 3...13 Hz) conforming to IEC 60068-2-6
Shock Resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Relative Humidity	0...95 %
Ambient Air Temperature For Operation	45...55 °C (with current derating of 2 % per °C) 0...45 °C (without current derating)
Ambient Air Temperature For Storage	-25...70 °C
Operating Altitude	<= 1000 m without current derating 1000...3000 m with current derating 1 % per 100 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	21 cm
Package 1 Width	22 cm
Package 1 Length	23.5 cm
Package 1 Weight	5.042 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
